

Attorney Docket No.: DEX-0275
Inventors: Macina et al.
Serial No.: 10/001,873
Filing Date: November 20, 2001
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This listing of the claims will replace all prior versions and listings of claims in the application:

Listing of the claims:

Claim 1 (currently amended): An isolated nucleic acid molecule comprising

(a) a nucleic acid molecule comprising a nucleic acid sequence that encodes an amino acid sequence of SEQ ID NO: ~~30~~ through ~~55~~ 52;

(b) a nucleic acid molecule comprising a nucleic acid sequence of SEQ ID NO: ~~1 through 29~~ 23 or 24;

(c) a nucleic acid molecule greater than 500 nucleotides that selectively hybridizes under stringent hybridization conditions of 50% formamide/6X SSC at 42°C for at least 10 hours or 6X SSC at 68°C without formamide for at least 10 hours to the nucleic acid molecule of (a) or (b); or

(d) a nucleic acid molecule having at least ~~60~~ 96% sequence identity over its entire length to the nucleic acid molecule of (a) or (b).

Claim 2 (original): The nucleic acid molecule according to claim 1, wherein the nucleic acid molecule is a cDNA.

Claim 3 (canceled):

Claim 4 (original): The nucleic acid molecule according to

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claim 1, wherein the nucleic acid molecule is a mammalian nucleic acid molecule.

Claim 5 (original): The nucleic acid molecule according to claim 4, wherein the nucleic acid molecule is a human nucleic acid molecule.

Claim 6: (canceled)

Claim 7 (original): A vector comprising the nucleic acid molecule of claim 1.

Claim 8 (original): A host cell comprising the vector according to claim 7.

Claim 9 (original): A method for producing a polypeptide encoded by the nucleic acid molecule according to claim 1, comprising the steps of (a) providing a host cell comprising the nucleic acid molecule operably linked to one or more expression control sequences, and (b) incubating the host cell under conditions in which the polypeptide is produced.

Claims 10-14: (canceled)

Claim 15 (previously amended): A kit for detecting a risk of cancer or presence of cancer in a patient, said kit comprising a means for determining the presence the nucleic acid molecule of claim 1 or a polypeptide of claim 11 in a sample of a patient.

Claims 16-17: (canceled)

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Claim 18 (new): The nucleic acid molecule of claim 1 wherein the nucleic acid sequence comprises SEQ ID NO:23.

Claim 19 (new): The nucleic acid molecule of claim 1 wherein the nucleic acid sequence comprises SEQ ID NO:24.

Claim 20 (new): The nucleic acid molecule of claim 1 wherein the nucleic acid sequence encodes amino acid residues 1-70 of SEQ ID NO:52.

Claim 21 (new): The nucleic acid molecule of claim 1 wherein the nucleic acid sequence encodes amino acid residues 71-161 of SEQ ID NO:52.